

**CLAIMS**

1. A method for limiting peak transmit power in a wireless communication  
2 system, comprising:  
  
providing a transmit waveform;  
  
4 selecting a non-fixed individual time offset for the waveform according to an  
algorithm; and  
  
6 delaying transmission of the waveform by the non-fixed time offset.
2. The method for limiting peak transmit power of claim 1 wherein the algorithm  
2 comprises selecting a time offset by determining which of a possible set of offsets is  
being used by a lowest number of waveforms.
3. The method for limiting peak transmit power of claim 1 wherein the algorithm  
2 comprises a peak power algorithm adapted to provide a minimum increase in the peak  
transmit power according to the shape or expected shape of the transmit waveform.
4. The method for limiting peak transmit power of claim 1 wherein the algorithm  
2 comprises a heuristic algorithm.
5. A system for limiting peak transmit power in a wireless communication system,  
2 comprising:

means for providing a transmit waveform;

4 means for selecting a non-fixed individual time offset for the waveform according to an algorithm; and

6 means for delaying transmission of the waveform by the non-fixed time offset.

6. The system for limiting peak transmit power of claim 5 wherein the means for  
2 selecting a non-fixed individual time offset for the waveform according to an algorithm  
comprises a means for selecting a time offset by determining which of a possible set of  
4 offsets is being used by a lowest number of waveforms.

7. The system for limiting peak transmit power of claim 5 wherein the means for  
2 selecting a non-fixed individual time offset for the waveform according to an algorithm  
comprises a means for a peak power algorithm to provide a minimum increase in the peak  
4 transmit power according to the shape or expected shape of the transmit waveform.

8. The system for limiting peak transmit power of claim 5 wherein the means for  
2 selecting a non-fixed individual time offset for the waveform according to an algorithm  
comprises a means for performing a heuristic algorithm.